

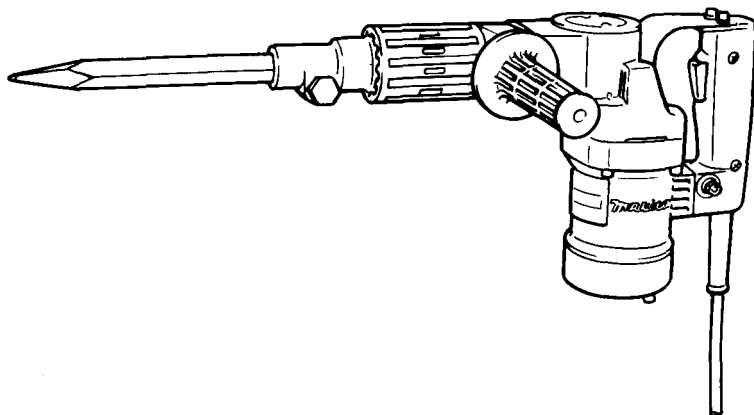
Makita

アメリカ

Demolition Hammer

MODEL HM0810B

INSTRUCTION MANUAL



SPECIFICATIONS

Blows per minute	Overall length	Net weight
2,900	423 mm (16-5/8")	5.3 kg (11.7 lbs)

* Manufacturer reserves the right to change specifications without notice.

* Note: Specifications may differ from country to country.

WARNING: For your personal safety, READ and UNDERSTAND before using.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

IMPORTANT SAFETY INSTRUCTIONS

(For All Tools)

WARNING: WHEN USING ELECTRIC TOOLS, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, AND PERSONAL INJURY, INCLUDING THE FOLLOWING:

READ ALL INSTRUCTIONS.

1. **KEEP WORK AREA CLEAN.** *Cluttered areas and benches invite injuries.*
2. **CONSIDER WORK AREA ENVIRONMENT.** Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use tool in presence of flammable liquids or gases.
3. **KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Don't let visitors contact tool or extension cord.
4. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.
5. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
6. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended.
7. **DRESS PROPERLY.** Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
8. **USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty.
9. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
10. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
11. **DON'T OVERREACH.** Keep proper footing and balance at all times.
12. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
13. **DISCONNECT TOOLS.** When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.

14. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
15. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is OFF when plugging in.
16. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
17. **STAY ALERT.** Watch what you are doing, use common sense. Don't operate tool when you are tired.
18. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Don't use tool if switch does not turn it on and off.
19. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
20. **REPLACEMENT PARTS.** When servicing, use only identical replacement parts.
21. **POLARIZED PLUGS.** To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

VOLTAGE WARNING: Before connecting the tool to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in **SERIOUS INJURY** to the user — as well as damage to the tool. If in doubt, **DO NOT PLUG IN THE TOOL**. Using a power source with voltage less than the nameplate rating is harmful to the motor.

ADDITIONAL SAFETY RULES

1. Wear a hard hat (safety helmet), safety glasses and/or face shield. It is also highly recommended that you wear a dust mask, ear protectors and thickly padded gloves.
2. Be sure the bit is secured in place before operation.
3. Under normal operation, the tool is designed to produce vibration. The screws can come loose easily, causing a breakdown or accident. Check tightness of screws carefully before operation.
4. In cold weather or when the tool has not been used for a long time, let the tool warm up for several minutes by operating it under no load. This will loosen up the lubrication. Without proper warm-up, hammering operation is difficult.
5. Always be sure you have a firm footing.
Be sure no one is below when using the tool in high locations.
6. Hold the tool firmly with both hands.
7. Keep hands away from moving parts.
8. Do not leave the tool running. Operate the tool only when hand-held.
9. Do not point the tool at any one in the area when operating. The bit could fly out and injure someone seriously.
10. When chipping into walls, floors or wherever "live" electrical wires may be encountered, **DO NOT TOUCH ANY METAL PARTS OF THE TOOL!**
Hold the tool by the insulated grasping surfaces to prevent electric shock if you drill or chip into a "live" wire.
11. Do not touch the bit or parts close to the bit immediately after operation; they may be extremely hot and could burn your skin.

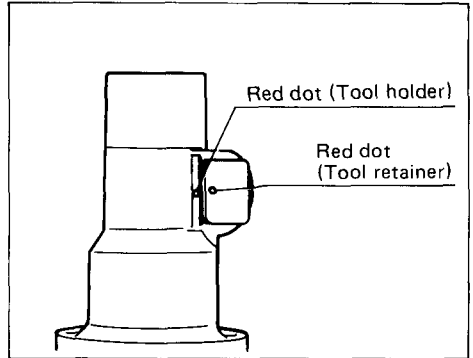
SAVE THESE INSTRUCTIONS.

Installing or removing bull point or other bits (cold chisel, etc.)

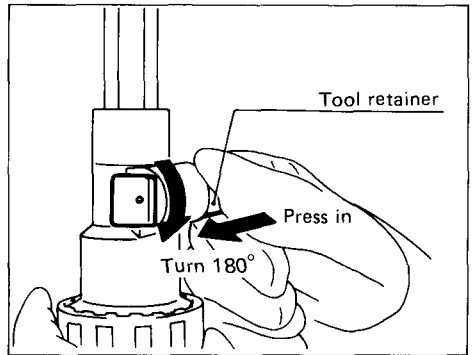
CAUTION:

Always be sure that the tool is switched off and unplugged before installing or removing the bit.

Press in the tool retainer and turn it until the red dots on the tool retainer and the tool holder are aligned. Release the tool retainer.



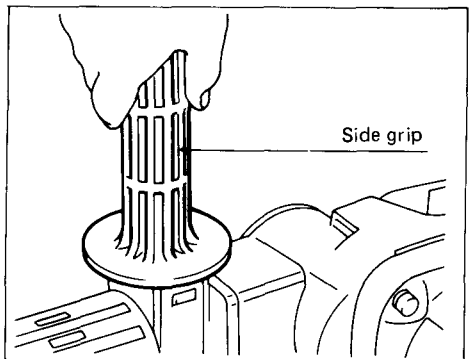
Insert the bit into the tool holder as far as it will go. Press in the tool retainer and turn it a full 180 degrees. Then release it to secure the bit.



To remove the bit, follow the installation procedures in reverse.

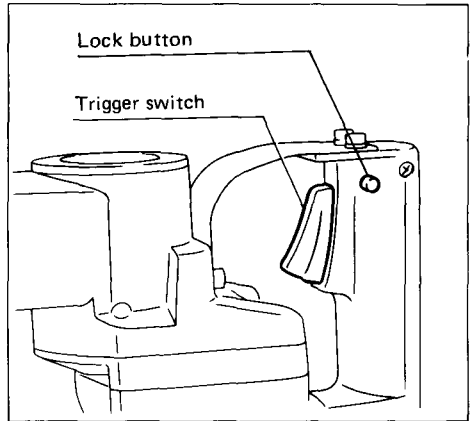
Side grip (auxiliary handle)

The side grip swings around to either side, allowing easy handling of the tool in any position. Loosen the side grip by turning it counterclockwise, swing it to the desired position and then tighten it by turning clockwise.



Switch action

To start the tool, simply pull the trigger. Release the trigger to stop. For continuous operation, pull the trigger and then push in the lock button. To stop the tool from the locked position, pull the trigger fully, then release it.



CAUTION:

Before plugging in the tool, always check to see that the trigger switch actuates properly and returns to the "OFF" position when released.

Chipping · Scaling · Demolition

Hold the tool firmly with both hands. Turn the tool on and apply slight pressure on the tool so that the tool will not bounce around, uncontrolled. Pressing very hard on the tool will not increase the efficiency.

MAINTENANCE

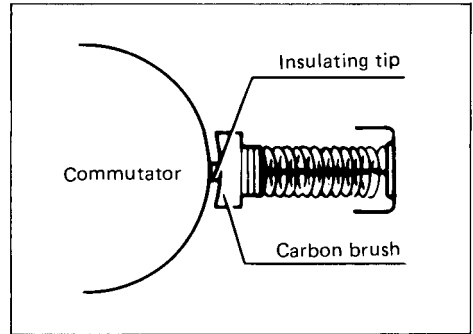
CAUTION:

Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

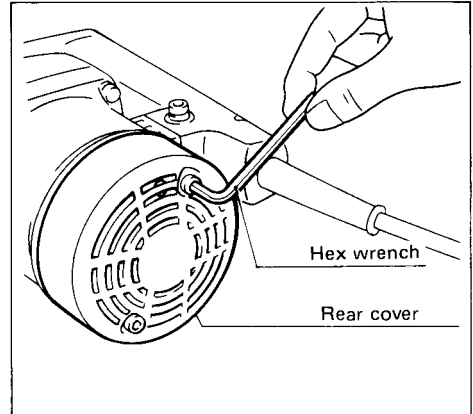
Replacing carbon brushes

When the resin insulating tip inside the carbon brush is exposed to contact the commutator it will automatically shut off the motor.

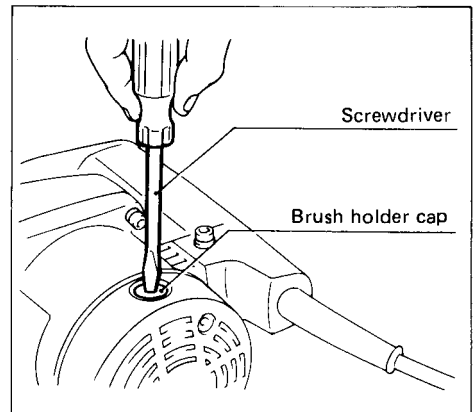
When this occurs, both carbon brushes should be replaced at the same time. Use only identical carbon brushes.



Use a hex wrench to remove the rear cover.



Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.

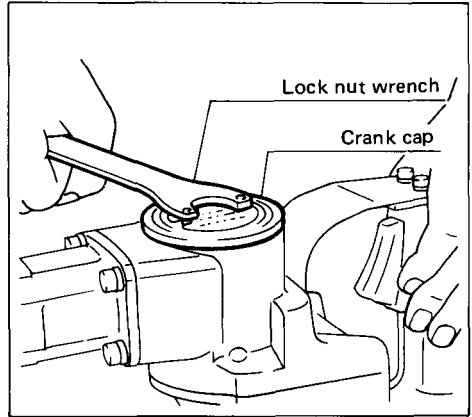


Lubrication

Lubricate the tool every time the carbon brushes are replaced.

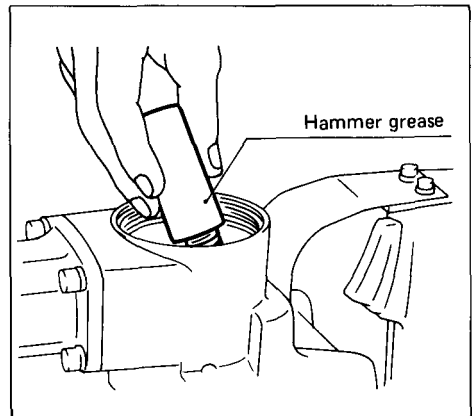
Run the tool for several minutes to warm it up, then rest the tool on the table with the bit end pointing upwards.

This will allow the old grease to collect inside the crank housing. After five minutes, take off the crank cap and remove the old grease. Wipe out all grease inside and replace with a fresh supply (30 g; 1 oz.)



CAUTION:

- Filling with more than the specified amount of grease (approx. 30g; 1 oz.) can cause faulty hammering action or tool failure. Fill only with the specified amount of grease.
- Use only Makita genuine grease. The use of any other grease may harm the tool.



- Do not tighten the crank cap excessively when installing. It is made of resin and is subject to breakage.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized or Factory Service Centers, always using Makita replacement parts.

ACCESSORIES

CAUTION:

These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. The accessories or attachments should be used only in the proper and intended manner.

- **Bull point** (For demolishing)

300 mm (11-7/8") Part No. 798146-1

450 mm (17-3/8") Part No. 798147-9



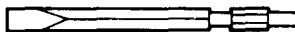
- **Cold chisel** (For gouging)

26 mm (1") x 300 mm (11-7/8")

Part No. 798139-8

26 mm (1") x 450 mm (17-3/4")

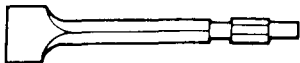
Part No. 798140-3



- **Scaling chisel**

50 mm (2") x 300 mm (11-7/8")

Part No. 798141-1



- **Clay spade**

105 mm (4-1/8") x 400 mm (15-3/4")

Part No. 798148-7



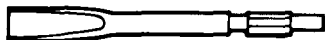
- **Grooving chisel**

22 mm (7/8") x 300 mm (11-7/8")

Part No. 798142-9

26 mm (1") x 300 mm (11-7/8")

Part No. 798143-7



- **Rammer** (For tamping, ramming, etc.)

140 mm (5-1/2") Part No. 798149-5



- **Ground rod adapter**

20 mm (3/4") x 170 mm (6-11/16")

Part No. 798132-2



- **Bushing tool** (For surfacing concrete)

67 mm (2-5/8") x 300 mm (11-7/8")

Part No. 798144-5



- **Lock nut wrench 35**

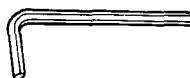
Part No. 782407-9



- **Hex wrench**

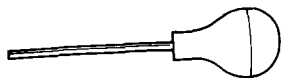
No. 4 Part No. 783202-0

No. 5 Part No. 783203-8



- **Blow-out bulb**

Part No. 765009-6



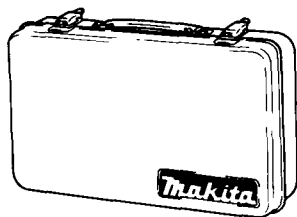
- **Hammer grease (30 g)**

Part No. 181490-7



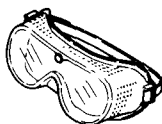
- **Steel carrying case**

Part No. 182238-0

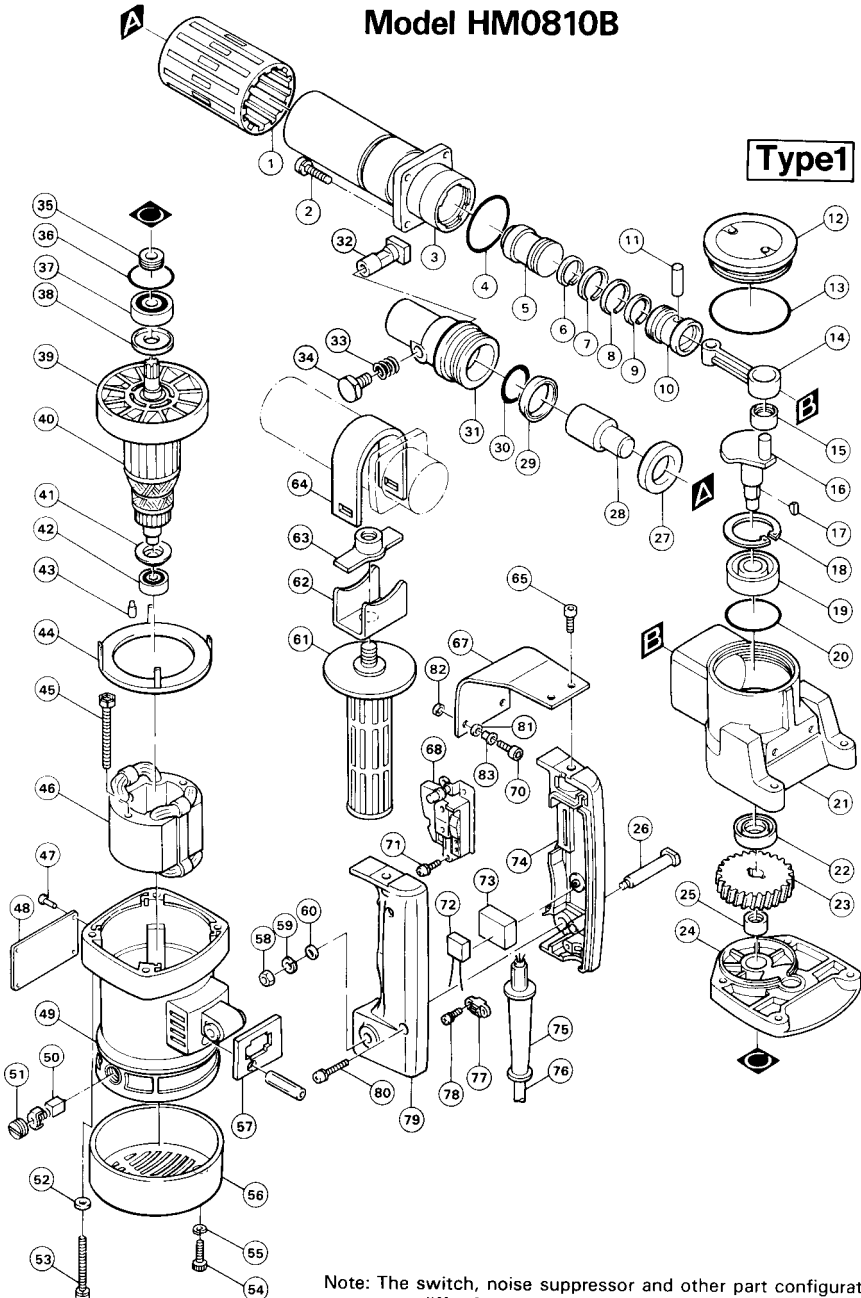


- **Safety goggle**

Part No. 191686-2



DEMOLITION HAMMER Model HM0810B



Note: The switch, noise suppressor and other part configurations may differ from country to country.

ITEM NO.	NO. USED	DESCRIPTION	ITEM NO.	NO. USED	DESCRIPTION
MACHINE			MACHINE		
1	1	Barrel Cover	41	1	Insulation Washer
2	4	Hex. Socket Head Bolt M6x25 (With Washer)	42	1	Ball Bearing 608LLB
3	1	Barrel	43	1	Rubber Pin 4
4	1	O Ring 44	44	1	Baffle Plate
5	1	Striker	45	2	Hex. Bolt M5x60 (With Washer & Bond)
6	1	Inner Ring 26	46	1	FIELD ASSEMBLY
7	1	Piston Ring 30	47	4	Rivet 0-5
8	1	Piston Ring 30	48	1	Name Plate
9	1	Inner Ring 26	49	1	Motor Housing
10	1	Piston	50	2	Carbon Brush
11	1	Pin 8	51	2	Brush Holder Cap
12	1	Crank Cap	52	4	Flat Washer 6
13	1	O Ring 80	53	4	Hex. Socket Head Bolt M6x50 (With Washer)
14	1	Rod	54	2	Hex. Socket Head Bolt M5x18
15	1	Needle Bearing 1212	55	2	Spring Washer 5
16	1	Crank Shaft	56	1	Rear Cover
17	2	Woodruff key 4	57	1	Sponge 38.5-48
18	1	Retaining Ring R-47	58	1	Hex. Nut M6
19	1	Ball Bearing 6303	59	1	Spring Washer 6
20	1	O Ring 48	60	1	Flat Washer 6
21	1	Crank Housing	61	1	Grip 32
22	1	Oil Seal 17	62	1	Grip Base
23	1	Helical Gear 41	63	1	Clamp Nut
24	1	Gear Housing	64	1	Grip Clamp
25	1	Needle Bearing 1210	65	2	Hex. Socket Head Bolt M6x14
26	1	Handle Shaft	67	2	Cushion Plate
27	1	Flat Washer 24	68	1	Switch
28	1	Impact Bolt	70	2	Hex. Socket Head Bolt M6x25
29	1	X Ring 28	71	2	Pan Head Screw M4x8 (With Washer)
30	1	O Ring 27	74	1	Handle Set (With Item 79)
31	1	Tool Holder	75	1	Cord Guard
32	1	Tool Retainer	76	1	Cord
33	1	Compression Spring 15	77	1	Strain Relief
34	1	Hex. Bolt M8x12	78	2	Pan Head Screw M4x18 (With Washer)
35	1	Seal	79	1	Handle Set (With Item 74)
36	1	O Ring 32	80	1	Pan Head Screw M5x25 (With Washer)
37	1	Ball Bearing 6201LLB	81	2	Rubber Ring 9
38	1	Dust Seal 12	82	2	Rubber Ring 9
39	1	Fan 82	83	2	Sieve 6
40	1	ARMATURE ASSEMBLY (With Item 37 - 42)			

Note: The switch and other part specifications may differ from country to country.

MAKITA LIMITED ONE YEAR WARRANTY

Warranty Policy

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is warranted to be free of defects from workmanship and materials for the period of ONE YEAR from the date of original purchase. Should any trouble develop during this one-year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair (or at our option, replace) without charge.

This Warranty does not apply where:

- repairs have been made or attempted by others;
- repairs are required because of normal wear and tear;
- The tool has been abused, misused or improperly maintained;
- alterations have been made to the tool.

IN NO EVENT SHALL MAKITA BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THIS WARRANTY.

MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE-YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

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PRINTED IN JAPAN
1993 - 4 - N